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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<i>Customer No.</i>	23643	}	
<i>Group:</i>	1793	}	
<i>Confirmation No.:</i>	3174	}	
<i>Application No.:</i>	10/550,439	}	
<i>Invention:</i>	Metallic Nanoparticles As Orthopedic Biomaterial	}	
<i>Inventor:</i>	Webster et al.	}	
<i>Filed:</i>	September 22, 2005	}	
<i>Attorney Docket:</i>	3220-100522	}	
<i>Examiner:</i>	Ngoclan Thi Mai	}	

Filed Electronically
on
August 12, 2009

AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.111

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22213-1450

Sir:

In response to the Office Action mailed May 14, 2009, applicants request consideration of the claim amendments and the remarks set forth below. Applicants believe that no fees are required with this amendment. If any fees are required, the Commissioner is hereby authorized to charge the same to the account of Barnes & Thornburg, Deposit Account No. 10-0435, with reference to our matter number 3220-100522.

Amendments to the Specification begin on page 2 of this paper

Amendments to the Claims are provided beginning on page 3 of this paper.

Remarks begin on page 6 of this paper.